

ENVIRONMENTALLY RESPONSIBLE BEST MANAGEMENT PRACTICES

Outdoor Storage of Material

Raw materials, by-products, finished products, containers, and material storage areas exposed to rain and/or runoff can pollute stormwater. Stormwater can become contaminated when materials wash off or dissolve into water or are added to runoff by spills and leaks. Improper storage of these materials can result in accidental spills and the release of materials. To prevent or reduce the discharge of pollutants to stormwater from material delivery and storage, pollution prevention and source control measures must be implemented, such as minimizing the storage of hazardous materials on-site, enclosing or covering materials, storing materials in a designated area, installing secondary containment, conducting regular inspections, preventing stormwater run-on and runoff, and training employees and subcontractors.



- ◆ Store all materials inside or under cover where possible.
- ◆ Cover and contain the stockpiles of raw materials to prevent stormwater from running into the covered piles.
- ◆ Minimize stormwater run-on by enclosing the area or building a berm around it.
- ◆ If the stockpiles are so large that they cannot feasibly be covered and contained implement erosion control practices at the perimeter of the stockpile and at any catch basins to prevent erosion of the stockpiled material off-site.
- ◆ Keep liquids in a designated area on a paved impervious surface within a secondary containment.
- ◆ Keep outdoor storage containers in good condition.
- ◆ Slope paved areas should be sloped in a manner that minimize pooling of water on the site, particularly with materials that may leach pollutants into stormwater and/or groundwater, such as compost, logs, and wood chips.
- ◆ Secure drums stored in an area where unauthorized persons may gain access to prevent accidental spillage, pilferage, or any unauthorized use.
- ◆ Cover wood products treated with chromated copper arsenate, ammonical copper zinc arsenate, creosote, or pentachlorophenol with tarps or store indoors.
- ◆ Conduct regular inspections of storage areas so that leaks and spills are detected as soon as possible.

